Serial No.: 10/077,189 Inventor: Liu et al.
Docket No.: ACT-322 Page 1 of 23

Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar Sierra Patent Group, Ltd.

Replacement Drawing

FPGA Tile <u>20</u>

FIG. 1

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Docket No.: ACT-322 Page 2 of 23

Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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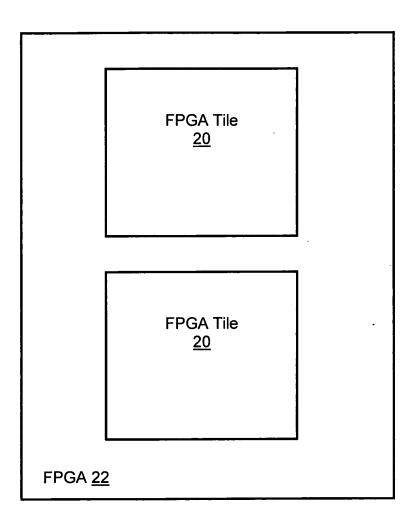


FIG. 2

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 3 of 23

Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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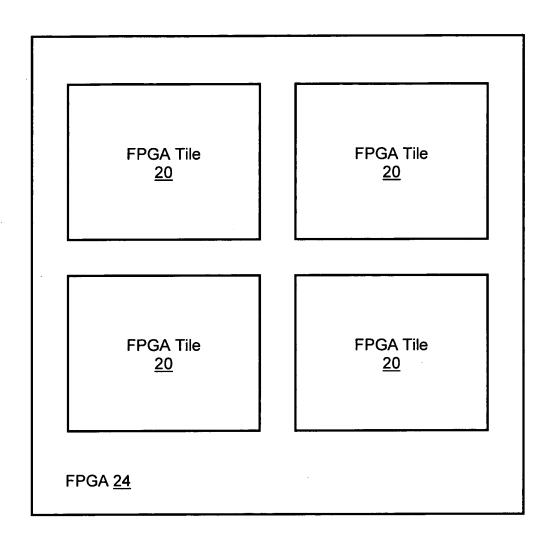


FIG. 3A

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 4 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

Attorney: William P. Wil Sierra Patent Group, Ltd.

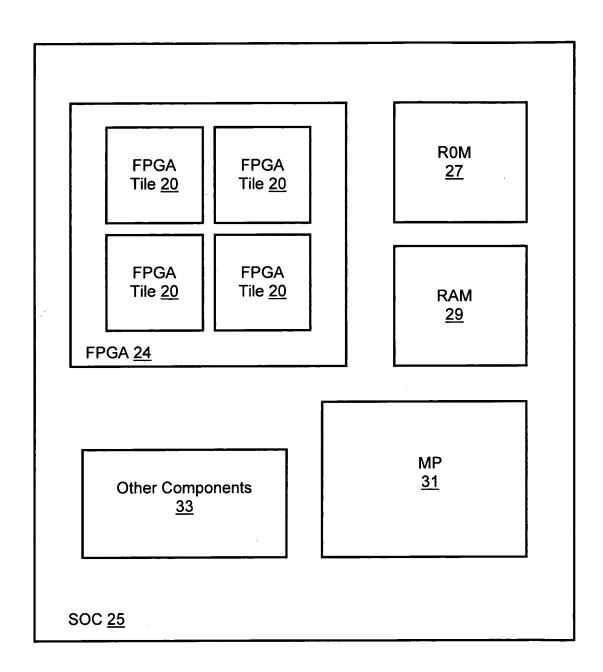


FIG. 3B

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Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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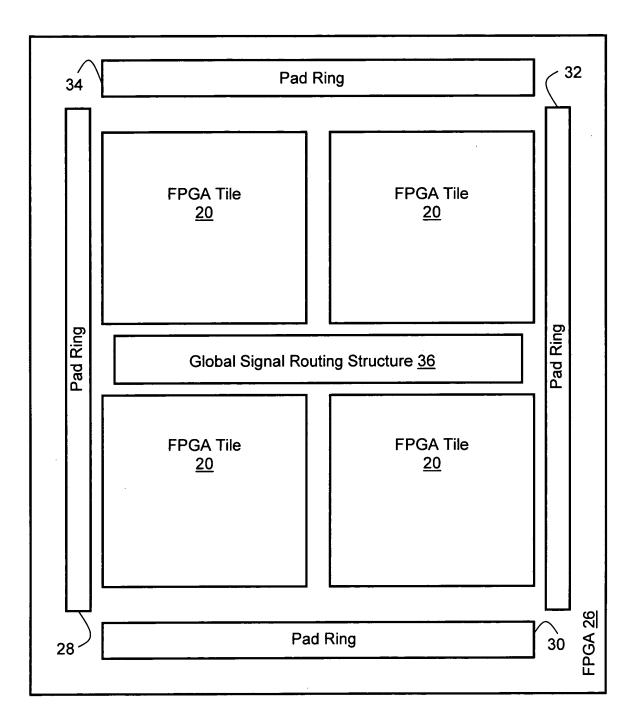


FIG. 4

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 6 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

Attorney: William P. Will Sierra Patent Group, Ltd.

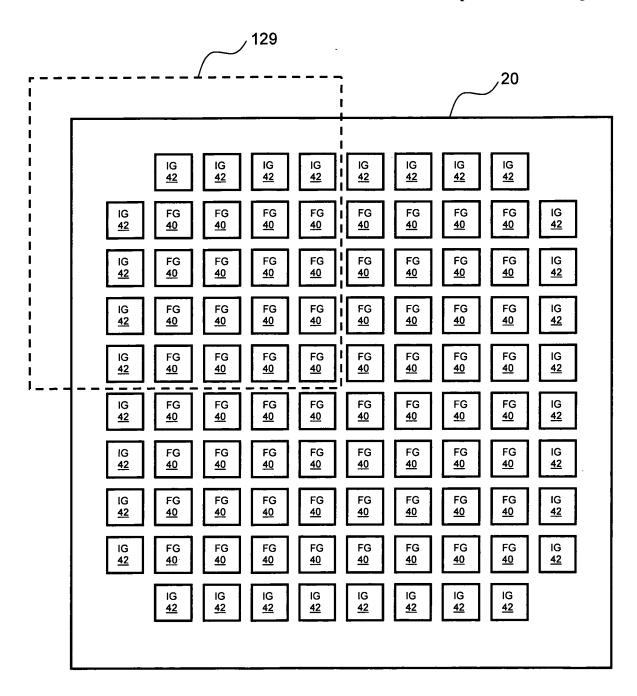
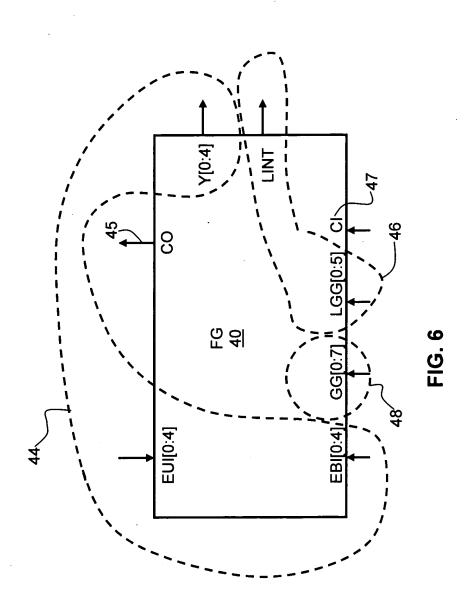


FIG. 5

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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar Sierra Patent Group, Ltd.



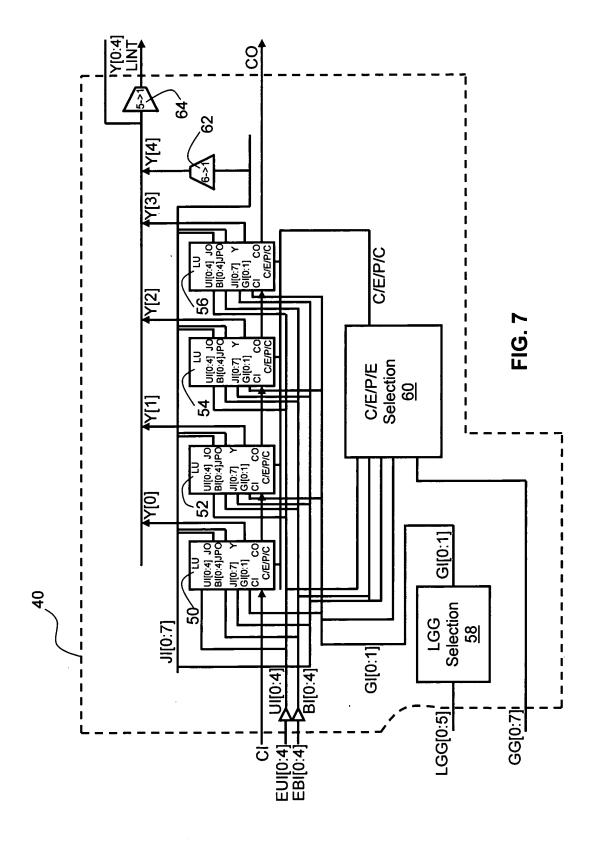
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Filed: February 15, 2002

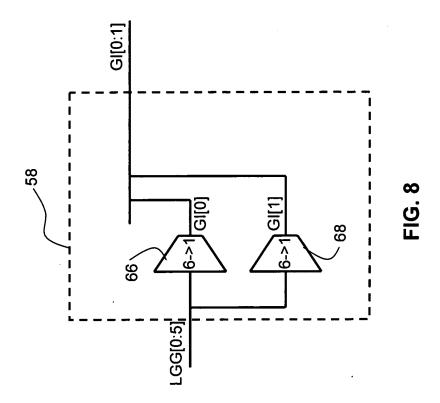
Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar Sierra Patent Group, Ltd.

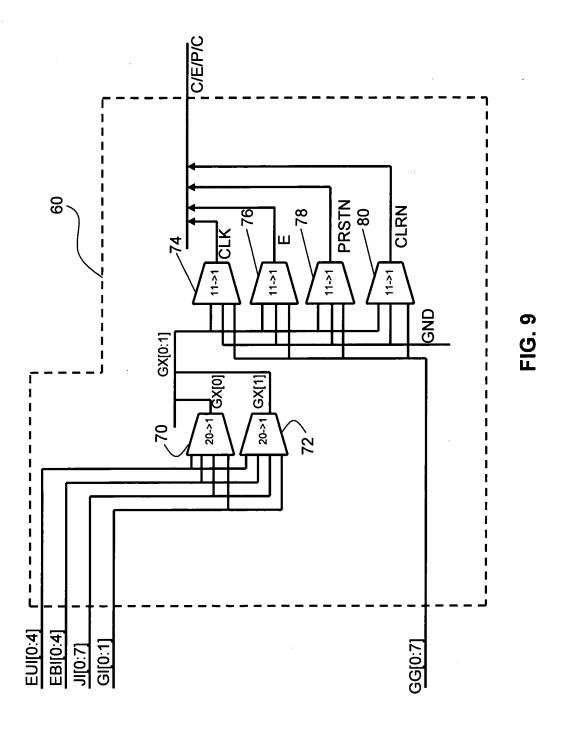


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Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

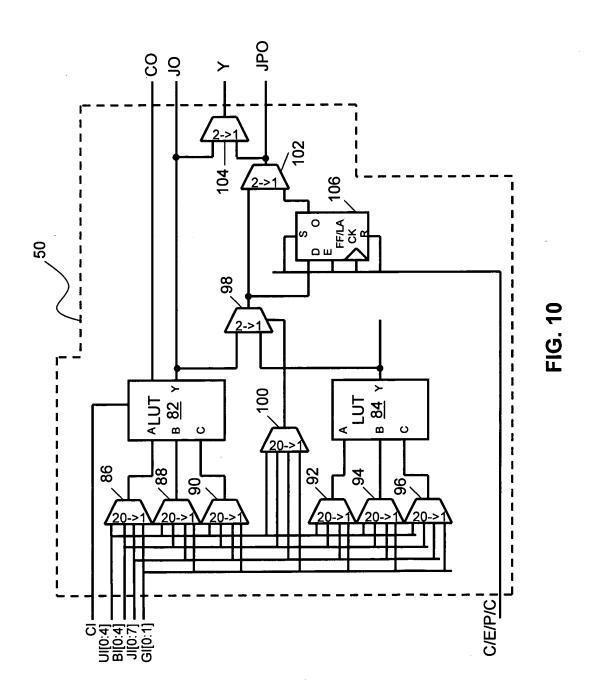
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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

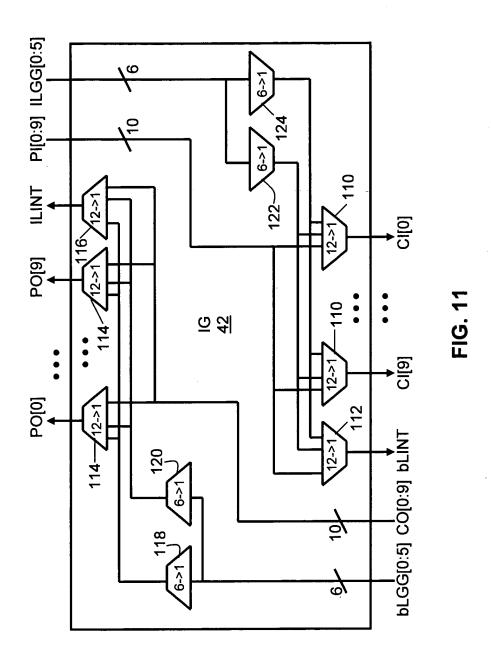
Sierra Patent Group, Ltd.



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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

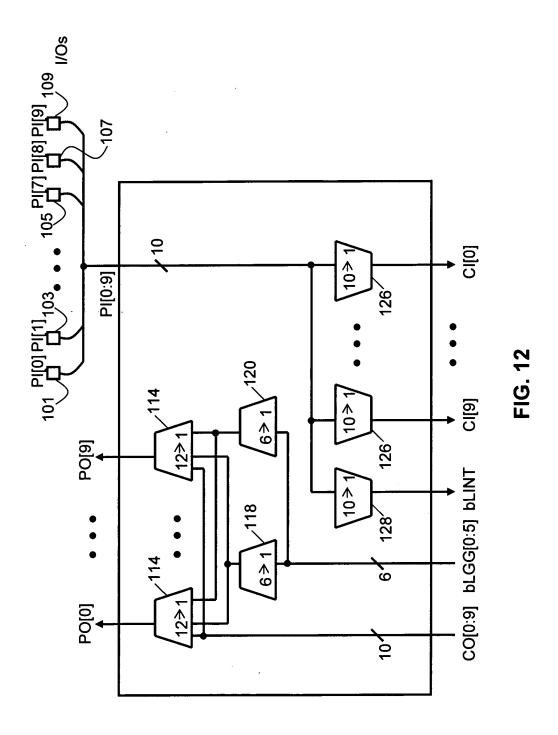
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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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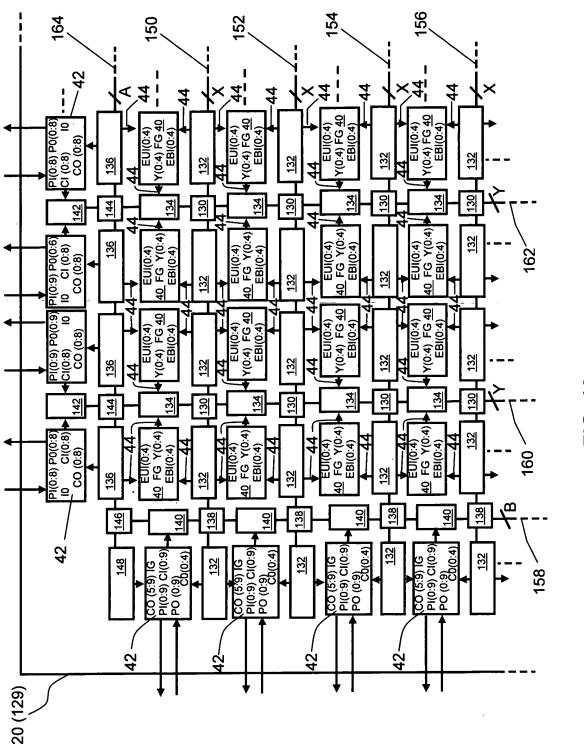
Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322

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Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 15 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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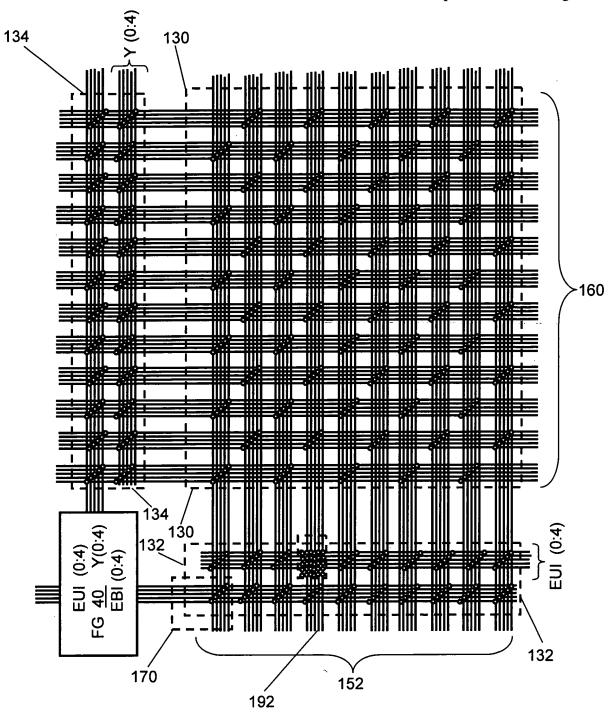
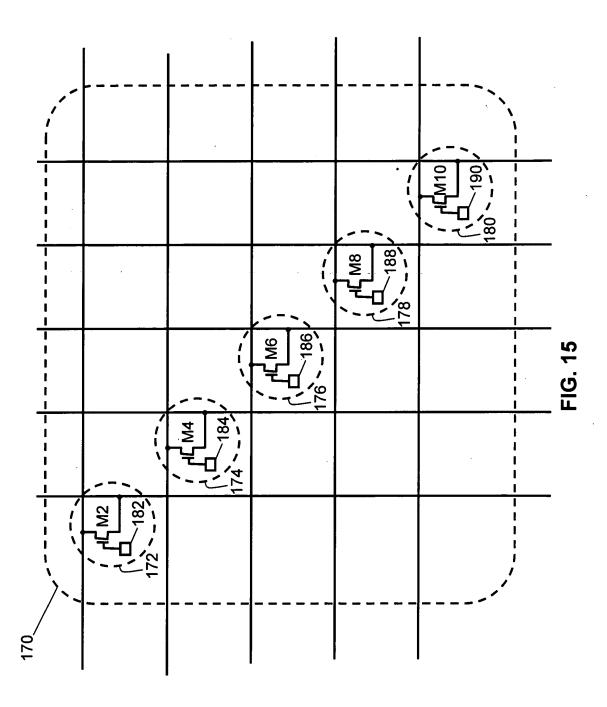


FIG. 14

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Filed: February 15, 2002 Title: Freeway Gate Array Architecture Attorney: William P. Wilbar Sierra Patent Group, Ltd.



Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 17 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

Attorney: William P. Will Sierra Patent Group, Ltd.

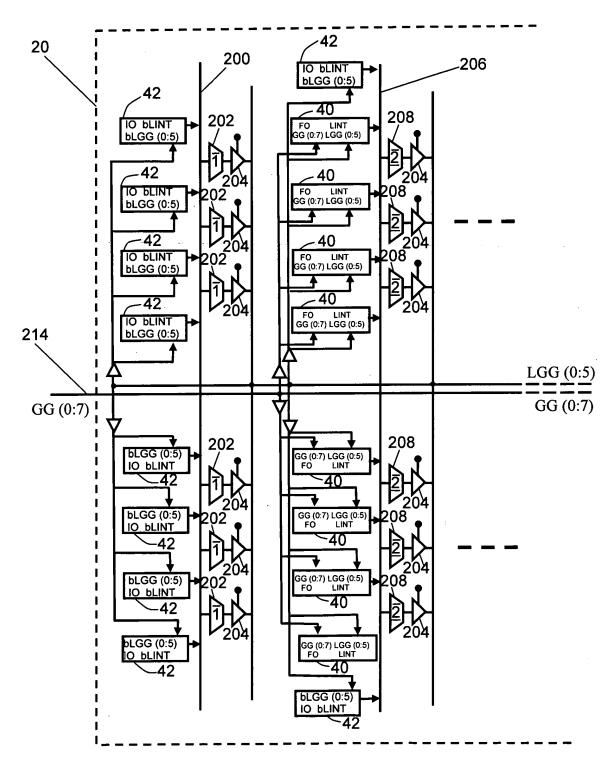


FIG. 16A

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 18 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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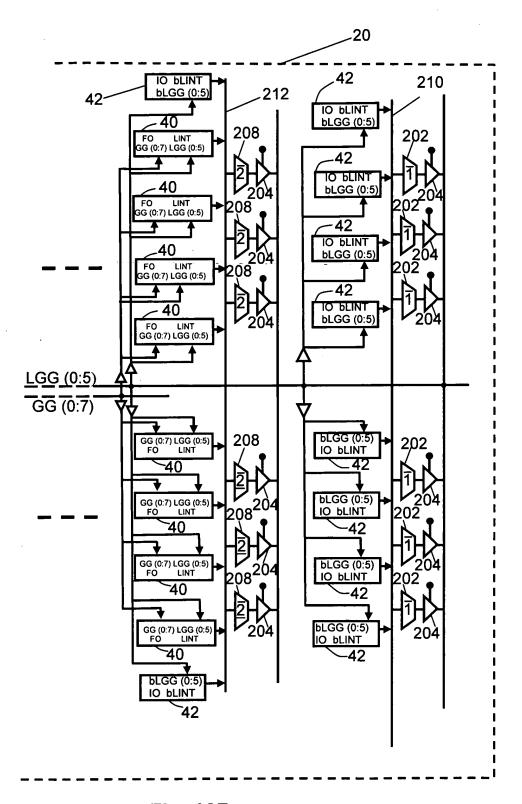


Fig. 16B

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Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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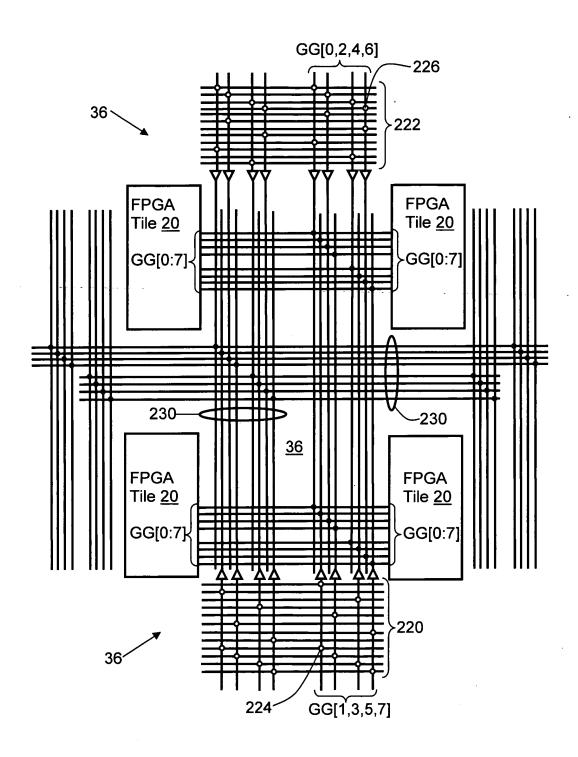


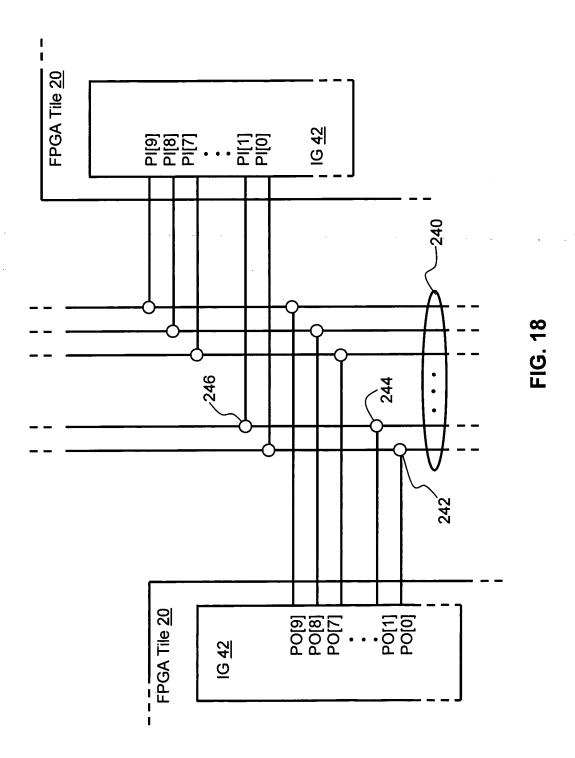
FIG. 17

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 20 of 23

Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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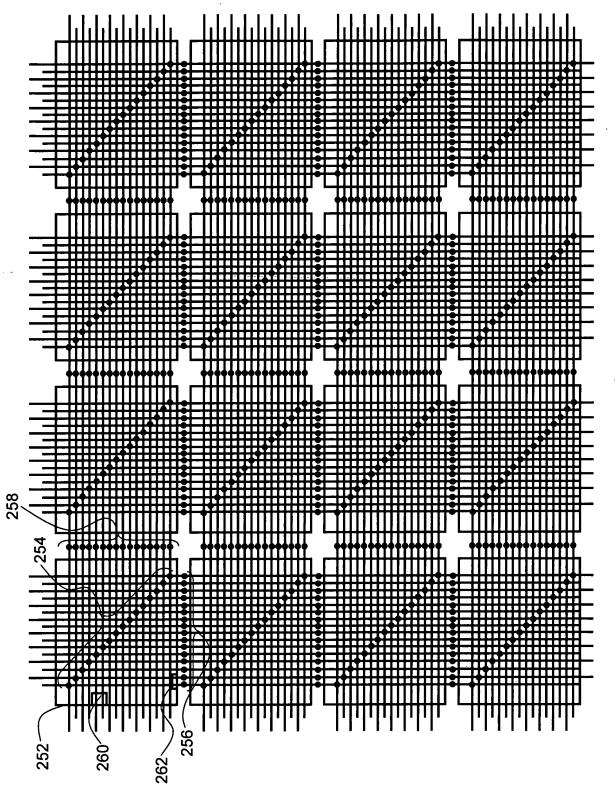


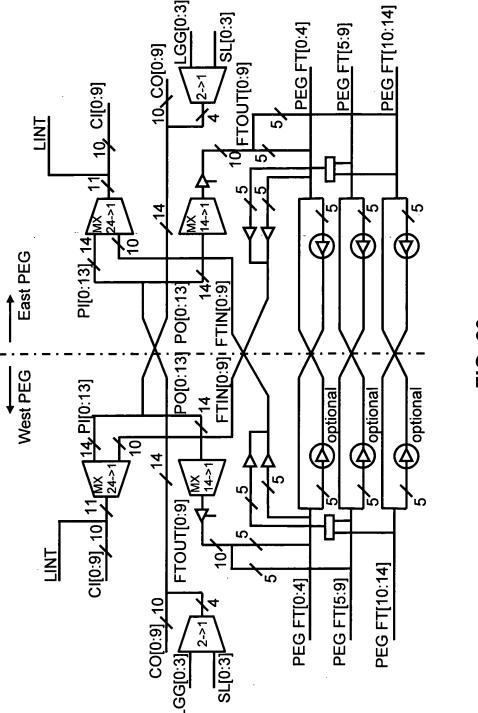
FIG. 19

Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 22 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

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Serial No.: 10/077,189 Inventor: Liu et al. Docket No.: ACT-322 Page 23 of 23 Filed: February 15, 2002

Title: Freeway Gate Array Architecture Attorney: William P. Wilbar

Attorney: William P. Wil Sierra Patent Group, Ltd.

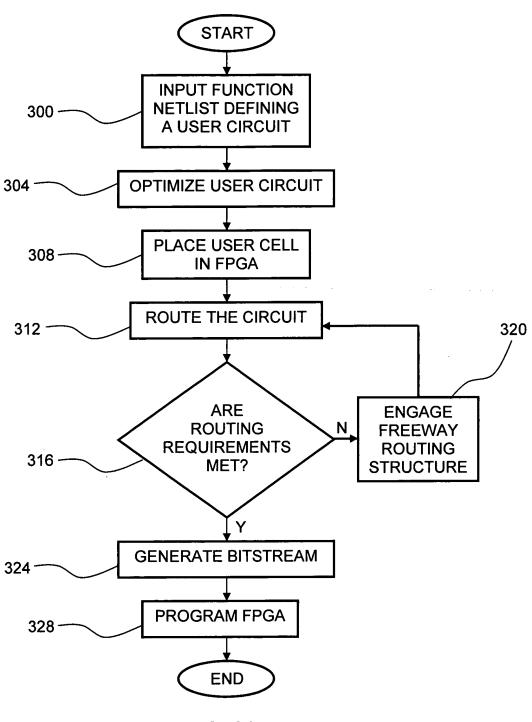


FIG. 21